

PRELIMINARY AGENDA

Evolution of Combustion Technology to Support National Energy Needs January 14 - 16, 2002, Sheraton World Resort Orlando

Monday, January 14

6 - 8 pm Registration and Reception

Tuesday, January 15

7:00 am Registration and Continental Breakfast

9:00 am Evolution of Combustion Technology Workshop
Perspectives, Goals, and Desired Outcomes

Carl Bauer, Associate Director, Office of Coal and
Environmental Systems U.S. Department of Energy,
National Energy Technology Laboratory

9:30 am Utilities: Putting the Paste Into the Tube

Robert Sansone, Vice President,
Engineering XL Insurance Corp.

10:00 am Break

10:20 am Clean Coal Power Initiative

Thomas A. Sarkus, Division Director, Coal Power
Projects Division U.S. Department of Energy,
National Energy Technology Laboratory

10:50 am Advanced Combustion Technology Is Insurable

Richard E. Weinstein, Project Manager, Government
Services, Parsons Infrastructure & Technology Group Inc.

11:10 am Steam Turbine Designs for Coal Fired Generation

Michael J. Boss, Principal Engineer,
Steam Turbine Technology General Electric

11:30 am Group Lunch

1:00 pm Breakout Groups

- Cost and Technology Goals to Keep Coal
Combustion Technologies Competitive
- What are the Roles for Industry and
Government
- Power Industry Trends and Market Drivers,
Commercialization Barriers and Strategies

3:00 pm Break

3:30 pm Near and Future Developments and Products

John L. Marion, Manager, Contract R&D,
Powerplant Laboratories, Alstom Power Inc.

3:50 pm Very High-Temperature Heat Exchanger
Performance When Firing Low-Grade Fuels

Michael L. Jones, Associate Director of Industrial
Relations and Technology Commercialization,
Energy & Environmental Research Center
of the University of North Dakota

4:10 pm Partial Gasification Combined Cycle Technology
- A Practical Pathway for Clean Coal Advancement

Robert S. Giglio, Foster Wheeler Development Corp.

4:30 pm LEBS TBD

4:50 pm Development of ITM Oxygen Technology for
Combustion and Gasification Applications

Philip W. Winkler, Manager, Government
Systems Air Products & Chemical, Inc.

5:10 pm Questions and Answers

Wednesday, January 16

7:00 am Registration and Continental Breakfast

8:00 am George Rudins, Deputy Assistant Secretary
for Coal and Power Systems (Invited)
U.S. Department of Energy

8:30 am U.S. Department of Energy,
National Energy Technology Laboratory's
Compliance Technology R&D Program

Thomas J. Feeley, III, Product Manager,
Environmental and Water Resources
U.S. Department of Energy,
National Energy Technology Laboratory

8:50 am Mercury Control Update

Scott A. Renninger, Project Manager,
Environmental Project Division
U.S. Department of Energy,
National Energy Technology Laboratory

9:10 am Combustion Sensors

Robert R. Romanosky, Product Manager,
Power Systems Advanced Research
U.S. Department of Energy,
National Energy Technology Laboratory

9:30 am Break

9:50 am Breakout Groups

- Barriers to and Near- to Mid-term RD&Ds
for Coal Combustion Systems
- Potential for Ultra Super Critical Cycle
and Advanced Materials
- CO₂ Sequestration Ready
Combustion Systems

12:00 pm Lunch

1:30 pm Wrap-up of Breakout Sessions

3:00 pm Adjourn